



PHARMACY DATA MANAGEMENT (PDM)

TECHNICAL MANUAL/ SECURITY GUIDE

Version 1.0
September 1997

(Revised November 2002)

Revision History

Any changes subsequent to the initial release of this manual are listed below. Users should update the manual with the pages listed under the Revised Pages column. Pages listed under this column in parentheses are unchanged, but included for two-sided printing.

| Date | Revised Pages | Patch Number | Description |
|-------|---|--------------|--|
| 11/02 | i, ii 5, (6) 23 - 24 25, (26) 29-30 (47), 48 | PSS*1*55 | Renumbered front matter starting from this Revision History page. Updated Patch number. Updated Option descriptions to include <i>Drug Text File Report</i> option. Added routine PSSDTR in the Routines section. Added the <i>Drug Text File Report</i> option to the current PDM Menu in the Exported Options section. |
| 10/02 | Title, i-iv, 32a-32d | PSS*1*57 | Updated Title Page, Revision Page and Table of Contents. A section was added for the new HL7 Messaging with an External System. |
| 09/01 | All | PSS*1*38 | Added this Revision History Page. Added Patch Release changes and Pharmacy Ordering Enhancements (POE) edits. Updated manual to comply with current documentation standards. |
| 09/97 | | | Original Release of Technical Manual. |

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Implementation and Maintenance

The PHARMACY ORDERABLE ITEM file (#50.7) must be built prior to the installation of Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0. The PHARMACY ORDERABLE ITEM file (#50.7) will be similar to the PRIMARY DRUG file (#50.3) used by Inpatient Medications V. 4.5. The main difference is that each entry in the PHARMACY ORDERABLE ITEM file (#50.7) has an associated Dosage Form that will always print next to the name. The PHARMACY ORDERABLE ITEM file (#50.7) will be duplicated in the ORDERABLE ITEM file (#101.43) that will reside in CPRS V. 1.0. Any update to the PHARMACY ORDERABLE ITEM file (#50.7) will automatically update the corresponding entry in the ORDERABLE ITEM file (#101.43). The NAME field (#.01) and the DOSAGE FORM field (#.02) values in the PHARMACY ORDERABLE ITEM file (#50.7) will print on Outpatient Pharmacy reports, profiles, Inpatient Medication reports, MAR labels etc., in place of the Primary Drug Name.

The PHARMACY ORDERABLE ITEM file (#50.7) includes the following fields. These fields reflect the package content up to and including the release of patch PSS*1*55.

☒ These fields were necessary for the initial installation but were deleted following later patches.

* These fields were not exported with the initial installation but were added with later patches.

| Field Number | Field Name | Description |
|--------------|------------------------------------|--|
| .01 | NAME | This is the name of the Pharmacy Orderable Item. It is a free text field that can be up to 40 characters in length. |
| .02 | DOSAGE FORM | This is a pointer to the DOSAGE FORM file (#50.606). This is a required field and will always print next to the Pharmacy Orderable Item name. |
| .03 | IV FLAG | This field will be set to 1 to indicate that the Pharmacy Orderable Item entry is pointed to by either the IV ADDITIVES file (#52.6), or the IV SOLUTIONS file (#52.7). If this field is not set to 1, it indicates that the entry is pointed to from the DRUG file (#50). |
| .04 | INACTIVE DATE | This will contain the date the entry had been made inactive. |
| .05 | DAY (nD) or DOSE (nL) LIMIT | This is a free text field used to calculate a default value for the "STOP DATE" prompt of the order. |

| | | | |
|--|------------|------------------------------|---|
| .06 | | MED ROUTE | This is a pointer to the MEDICATION ROUTES file (#51.2). If a MED ROUTE is entered here, it will be used as the default value during order entry when this drug is selected. |
| .07 | | SCHEDULE TYPE | This field is a set of codes and will be used as a default value when selecting this drug in order entry. |
| .08 | | SCHEDULE | This is a free text field and will be used as a default value during order entry when this drug is selected. |
| .09 | | SUPPLY | This is a set of codes with 1 (one) indicating that the Orderable Item is a supply. |
| 2 | | SYNONYM (multiple) | This multiple will contain all the associated synonyms for the Pharmacy Orderable Item. |
| | .01 | SYNONYM | A free text synonym name up to 30 characters long. |
| <input checked="" type="checkbox"/> 3 | | CORRESPONDING UD ITEM | If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order. |
| <input checked="" type="checkbox"/> 4 | | CORRESPONDING IV ITEM | If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order. |

NAME: PSSJI ELECTROLYTE FILE

MENU TEXT: Electrolyte File (IV)

TYPE: run routine

DESCRIPTION:

This option will allow you to alter the contents of the DRUG ELECTROLYTES file (50.4). This is the file that is pointed to by the ELECTROLYTES sub-file in the IV ADDITIVES (52.6) and IV SOLUTIONS (52.7) files.

EXIT ACTION: K I1

ROUTINE: ELECTRO^PSSVIDRG

UPPERCASE MENU TEXT: ELECTROLYTE FILE (IV)

MENU TEXT: Lookup into Dispense Drug File

TYPE: run routine

DESCRIPTION: This option provides a lookup into dispense drug file. It displays fields commonly edited.

ROUTINE: PSSLOOK

UPPERCASE MENU TEXT: LOOKUP INTO DISPENSE DRUG FILE

MENU TEXT: Medication Instruction File Add/Edit

TYPE: run routine

DESCRIPTION: The UNIT DOSE package contains a field called SPECIAL INSTRUCTIONS. This field utilizes the abbreviations and expansions of the MEDICATION INSTRUCTION File when printing on various reports. This option allow the user to enter and edit abbreviations and expansions in the MEDICATION INSTRUCTION file and to "flag" those entries for use by the INPATIENT packages only, OUTPATIENT package only, or by both.

ROUTINE: ENMI^PSSFILED

UPPERCASE MENU TEXT: MEDICATION INSTRUCTION FILE ADD/EDIT

MENU TEXT: Medication Route File Enter/Edit

TYPE: run routine

DESCRIPTION: This option provides the ability to edit data in the Medication Routes file (#51.2).

ROUTINE: MR^PSSDFEE

UPPERCASE MENU TEXT: MEDICATION ROUTE FILE ENTER/EDIT

MENU TEXT: Edit Orderable Items

TYPE: run routine

DESCRIPTION: This option is for editing Pharmacy Orderable Items.

ROUTINE: PSSPOIMO

UPPERCASE MENU TEXT: EDIT ORDERABLE ITEMS

MENU TEXT: Dispense Drug/Orderable Item Maintenance

TYPE: run routine

DESCRIPTION: This option is for maintaining the relationship between Dispense Drugs and Orderable Items.

ROUTINE: PSSPOIMN

UPPERCASE MENU TEXT: DISPENSE DRUG/ORDERABLE ITEM MAINTENANCE

MENU TEXT: Orderable Item/Dosages Report

TYPE: run routine

DESCRIPTION: This option prints a report that displays Inpatient and Outpatient Dosages for each Pharmacy Orderable Item. These are the dosages that will display for selection through Computerized Patient Record System (CPRS) when an Orderable Item is selected for a medication order.

ROUTINE: EN^PSSOIDOS

UPPERCASE MENU TEXT: ORDERABLE ITEM/DOSAGES REPORT

MENU TEXT: Patient Instructions Report

TYPE: run routine

DESCRIPTION: This option prints a report that displays Pharmacy Orderable Items, along with the expanded Patient Instructions for each Orderable Item. These Patient Instructions are used as default values for Outpatient orders entered through Computerized Patient Record System (CPRS) and Outpatient Pharmacy.

ROUTINE: EN^PSSPNSRP

UPPERCASE MENU TEXT: PATIENT INSTRUCTIONS REPORT

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NAME: PSS ORDERABLE ITEM REPORT
MENU TEXT: Orderable Item Report
TYPE: run routine
DESCRIPTION: This option lists items from your Pharmacy Orderable Item file,
along with the associated Dispense Drugs.
ROUTINE: PSSPOIKA
UPPERCASE MENU TEXT: ORDERABLE ITEM REPORT
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MENU TEXT: Formulary Information Report
TYPE: run routine
DESCRIPTION: This option provides a listing of pertinent pharmacy formulary
information.
ROUTINE: PSSNFI
UPPERCASE MENU TEXT: FORMULARY INFORMATION REPORT
-----

NAME: PSS EDIT TEXT
MENU TEXT: Drug Text Enter/Edit
TYPE: run routine
DESCRIPTION: This option enables you to edit entries in the DRUG TEXT file.
This file contains drug information, restrictions, and guidelines, etc.
ROUTINE: PSSTXT
UPPERCASE MENU TEXT: DRUG TEXT ENTER/EDIT
-----

MENU TEXT: Pharmacy System Parameters Edit
TYPE: run routine
DESCRIPTION: This option allows the user to edit the Pharmacy System
parameters used in Pharmacy Data Management.
ROUTINE: PSSYSP
UPPERCASE MENU TEXT: PHARMACY SYSTEM PARAMETERS EDIT
-----

NAME: PSS SCHEDULE EDIT
MENU TEXT: Standard Schedule Edit
TYPE: run routine
DESCRIPTION: Allows user to edit the set of times associated with the
standard dosage administration schedules (Q3H,Q8H,TID, etc.). This may be
used to define the outpatient expansion to be used when the schedule is
entered for an outpatient medication order.
ROUTINE: ENPSJSE^PSSJEEU
UPPERCASE MENU TEXT: STANDARD SCHEDULE EDIT
-----

MENU TEXT: Synonym Enter/Edit
TYPE: run routine
DESCRIPTION: The option provides easy access to update the synonym
information for an entry in the local DRUG file.
ROUTINE: PSSSEE
UPPERCASE MENU TEXT: SYNONYM ENTER/EDIT

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The option description below was retrieved from VA FileMan and reflects the new option added to PDM following the installation of patch PSS*1*55.

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MENU TEXT: Drug Text File Report
TYPE: run routine
DESCRIPTION: This option will display the Drug Text Name, Synonyms, Drug
Text, Inactive date if inactive, and list all drug and pharmacy orderable
items linked to it. The report is printable for one or all entries.
ROUTINE: PSSDTR
UPPERCASE MENU TEXT: DRUG TEXT FILE REPORT

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Routines

The following routines are used by the Pharmacy Data Management package.

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| PSSADDIT | PSSAUTL | PSSCHENV | PSSCHPRE | PSSCHPST | PSSCOMMN | PSSCLDRG |
| PSSCPRS | PSSCPRS1 | PSSCREAT | PSSCSPD | PSSDDUT | PSSDDUT2 | PSSDDUT3 |
| PSSDEE | PSSDEE1 | PSSDEE2 | PSSDENT | PSSDELOI | PSSDIN | PSSDFEE |
| PSSDOS | PSSDOSCR | PSSDOSCX | PSSDOSED | PSSDOSER | PSSDOSRP | PSSDTR |
| PSSENV | PSSENVN | PSSFIL | PSSFILED | PSSGENM | PSSGIU | PSSGMI |
| PSSGS0 | PSSGSH | PSSHELP | PSSHL1 | PSSHLSCH | PSSHLU | PSSJEEU |
| PSSJORDF | PSSJSPU | PSSJSPU0 | PSSJSV | PSSJSV0 | PSSJXR | PSSJXR1 |
| PSSJXR12 | PSSJXR13 | PSSJXR14 | PSSJXR15 | PSSJXR10 | PSSJXR11 | PSSJXR18 |
| PSSJXR19 | PSSJXR2 | PSSJXR20 | PSSJXR16 | PSSJXR17 | PSSJXR3 | PSSJXR4 |
| PSSJXR5 | PSSJXR6 | PSSJXR21 | PSSJXR22 | PSSJXR9 | PSSJXR8 | PSSJXR7 |
| PSSLAB | PSSLOOK | PSSMARK | PSSMATCH | PSSNOUNR | PSSNTEG | PSSOICT |
| PSSOICT1 | PSSPOI | PSSPOIC | PSSPOID1 | PSSPOID2 | PSSPOID3 | PSSPOIDT |
| PSSPOIKA | PSSPOIM | PSSPOIM1 | PSSPOIM2 | PSSPOIM3 | PSSPOIMN | PSSPOIMO |
| PSSORPH | PSSORPH1 | PSSORUTL | PSSOUTSC | PSSPNSRP | PSSPOST | PSSPOST1 |
| PSSPOST2 | PSSPOST5 | PSSPRE | PSSPRETR | PSSQORD | PSSSOLI1 | PSSSOLIT |
| PSSSYN | PSSREF | PSSREMCH | PSSUTLPR | PSSVIDRG | PSSVX6 | PSSVX61 |
| PSSSPD | PSSSUTIL | PSSVX62 | PSSUTIL | PSSUTLA1 | PSSVX63 | PSSVX64 |
| PSSYSP | PSSVX65 | PSSVX66 | | | | |

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The PDM menu that was exported with the original PDM package has been modified to include subsequent changes and patches, including the changes resulting from the Pharmacy Ordering Enhancements project.

The PDM menu up to and including PSS*1*55 appears below.

CMOP Mark/Unmark (Single drug)

[PSSXX MARK] 

Dosages...

[PSS DOSAGES MANAGEMENT]

Auto Create Dosages

[PSS DOSAGE CONVERSION]

Dosage Form File Enter/Edit

[PSS DOSAGE FORM EDIT]

Enter/Edit Dosages

[PSS EDIT DOSAGES]

Most Common Dosages Report

[PSS COMMON DOSAGES]

Noun/Dosage Form Report

[PSS DOSE FORM/ NOUN REPORT]

Review Dosages Report

[PSS DOSAGE REVIEW REPORT]

Drug Enter/Edit

[PSS DRUG ENTER/ EDIT]

Drug Interaction Management...

[PSS DRG INTER MANAGEMENT]

Enter/Edit Local Drug Interaction

[PSS INTERACTION LOCAL ADD]

Report of Locally Entered Interactions

[PSS REPORT LOCAL INTERACTIONS]

Electrolyte File (IV)

[PSSJI ELECTROLYTE FILE]

Lookup into Dispense Drug File

[PSS LOOK]

Medication Instruction File Add/Edit
[PSSJU MI]

Medication Route File Enter/Edit
[PSS MEDICATION ROUTES EDIT]

Orderable Item Management...
[PSS ORDERABLE ITEM MANAGEMENT]

 Edit Orderable Items
 [PSS EDIT ORDERABLE ITEMS]

 Dispense Drug/Orderable Item Maintenance
 [PSS MAINTAIN ORDERABLE ITEMS]

 Orderable Item/Dosages Report
 [PSS ORDERABLE ITEM DOSAGES]

 Patient Instructions Report
 [PSS INSTRUCTIONS/ ITEMS REPORT]

Orderable Item Report
[PSS ORDERABLE ITEM REPORT]

Formulary Information Report
[PSSNFI]

Drug Text Enter/Edit
[PSS EDIT TEXT]

Drug Text File Report
[PSS DRUG TEXT FILE REPORT]

Pharmacy System Parameters Edit
[PSS SYS EDIT]

Standard Schedule Edit
[PSS SCHEDULE EDIT]

Synonym Enter/Edit
[PSS SYNONYM EDIT]



Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.

Menus

The *Pharmacy Data Management* menu that is exported with the initial release of the PDM package is as follows.

**Primary/VA Generic Orderable Item Report*

**VA Generic Orderable Item Report*

**Create Pharmacy Orderable Items*

**Manually Match Dispense Drugs*

**Orderable Item Matching Status*

CMOP Mark/Unmark (Single drug)

Locked with PSXCMOPMGR

Drug Enter/Edit

IMPORTANT: Once Pharmacy Data Management is installed, the *Outpatient Drug Enter/Edit* and the *Inpatient Medications Dispense Drug Fields* options will be disabled and the *PDM Drug Enter/Edit* option should be used.

Drug Interaction Management...

Enter/Edit Local Drug Interaction

Edit Drug Interaction Severity

Electrolyte File (IV)

Lookup into Dispense Drug File

Med. Route/Instructions Table Maintenance

Medication Instruction File Add/Edit

Orderable Item Management...

Edit Orderable Items

Dispense Drug/Orderable Item Maintenance

Additive/Solutions, Orderable Items

Orderable Item Report


**Primary Drug Edit*

Pharmacy System Parameters Edit

Standard Schedule Edit

* These items are for pre-release only and will be deleted with the installation Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0.

The PDM menu up to and including the release of PSS*1*55 is as follows.

CMOP Mark/Unmark (Single drug) 
Dosages ...
 Auto Create Dosages
 Dosage Form File Enter/Edit
 Enter/Edit Dosages
 Most Common Dosages Report
 Noun/Dosage Form Report
 Review Dosages Report
Drug Enter/Edit
Drug Interaction Management ...
 Enter/Edit Local Drug Interaction
 Report of Locally Entered Interactions
Electrolyte File (IV)
Lookup into Dispense Drug File
Medication Instruction File Add/Edit
Medication Route File Enter/Edit
Orderable Item Management ...
 Edit Orderable Items
 Dispense Drug/Orderable Item Maintenance
 Orderable Item/Dosages Report
 Patient Instructions Report
Orderable Item Report
Formulary Information Report
Drug Text Enter/Edit
Drug Text File Report
Pharmacy System Parameters Edit
Standard Schedule Edit
Synonym Enter/Edit



Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.